

Real Game - Career Kokua Crosswalk

October 2004

The Play Real Game ROLE PROFILES	Career Kokua Code	Career Kokua Occupation-2004 Data	Hawaii Career Pathway	O*NET Specialty
Role 1: Public Transit Bus Driver	6141	Bus Drivers	Public & Human Services	53-3021.00 Bus Drivers Transit & Intercity
Role 2: TV Camera Operator				27-4031.00 Camera Operators, Television
Role 3: Veterinarian	8132	Veterinarians	Health Services, Natural Resources	29-1131.00 Veterinarians
Role 4: Travel Agent	1424	Travel Agents	Business, Management & Technology	41-3041.00 Travel Agents
Role 5: Principal	1136	Education Administrators	Business, Management & Technology	11-9032.00 Educational Administrator
Role 6: School Secretary	1442	Secretaries	Business, Management & Technology	43-6014.00 Secretaries
Role 7: Ticket Agent	1425	Ticket Agents	Business, Management & Technology	43-4181.02 Reservation and Transportation Ticket Agents
Role 8: Firefighter	9426	Fire Fighters	Public & Human Services	33-2011.00 Firefighters
Role 9: Detective	9418	Investigators	Public & Human Services	33-3021.00 Detectives & Criminal Investigators
Role 10: Airline Pilot	6188	Pilots and Flight Engineers	Industrial & Engineering Technology	53-2011.00 Airline Pilots, Copilots
Role 11: Air Traffic Controller	6126	Air Traffic Controllers	Industrial & Engineering Technology	53-2021.00 Air Traffic Controllers
Role 12: School Librarian	8492	Librarians	Public & Human Services	25-4021.00 Librarians
Role 13: Carpenter	4254	Carpenters	Industrial & Engineering Technology	47-2031.00 Carpenters
Role 14: Transport Truck Driver	6144	Truck Drivers	Industrial & Engineering Technology	53-3033.00 Truck Drivers, Light or Delivery Serv
Role 15: Lawyer	8432	Lawyers and Judges	Public & Human Services	23-1011.00 Lawyers
Role 16: Bank Teller	1644	Bank Tellers	Business, Management & Technology	43-3071.00 Tellers
Role 17: Doctor	8112	Physicians	Health Services	29-9099.99 Healthcare Practitioners
Role 18: Ambulance Driver	8168	Emergency Medical Technicians	Health Services	53-3011.00 Ambulance Drivers and Attendants
Role 19: Emergency Dispatcher	6132	Dispatchers	Industrial & Engineering Technology	43-5032.00 Dispatchers
Role 20: Teacher	8456	Elementary and Secondary Teachers	Public & Human Services	25-3099.99 Teachers and Instructors
Role 21: Pharmacist	8124	Pharmacists	Health Services	29-1051.00 Pharmacists

Real Game - Career Kokua Crosswalk

October 2004

Role 22: Computer Technician	3165	Computer Maintenance Technicians	Industrial & Engineering Technology	15-1099.99 Computer Specialists
Role 23: Actor	9866	Performing Artists	Arts & Communication	27-2011.00 Actors
Role 24: Reporter	2176	Writers and Editors	Arts & Communication	27-3022.00 Reporters and Correspondents
Role 25: Nurse	8162	Registered Nurses	Health Services	29-1111.00 Registered Nurse
Role 26: Police Officer	9414	Law Enforcement Officers	Public & Human Services	33-3051.01 Police Patrol Officers
Role 27: Chief of Police	9414	Law Enforcement Officers	Public & Human Services	
Role 28: Fire Safety Inspector	9426	Fire Fighters	Public & Human Services	33-2021.00 Fire Inspectors
Role 29: Cook	7825	Cooks	Public & Human Services	35-2019.99 Cooks
Role 30: Dentist	8142	Dentists	Health Services	29-1021.00 Dentists
Role 31: Plumber	4274	Plumbers and Pipefitters	Industrial & Engineering Technology	47-2152.02 Plumbers
Role 32: Telephone Operator	1454	Communications Operators	Business, Management & Technology	43-2021.00 Telephone Operators
Role 33: Surgeon	8112	Physicians	Health Services	29-1067.-00 Surgeons
Role 34: Paramedic	8168	Emergency Medical Technicians	Health Services	29-2041.00 Emergency Medical Technicians and Paramedics
Role 35: Fire Chief	9426	Fire Fighters	Public & Human Services	33-2011.00 Fire Fighters
Role 36: Flight Attendant	8662	Flight Attendants	Public & Human Services	39-6031.00 Flight Attendants
Role 37: Letter Carrier	7122	Mail Carriers	Business, Management & Technology	43-5052.00 Postal Service Mail Carrier
Role 38: Radio Announcer	9824	Radio and Television Announcers and Newscasters	Arts & Communication	27-3011.00 Radio and TV Announcers
Role 39: Day-Care Teacher	8449	Child Care Workers	Public & Human Services	25-2011.00 Preschool Teachers, Except Special Education
Role 40: Mechanic	3112	Automotive Service Technicians and Mechanics	Industrial & Engineering Technology	49-3023.00 Automotive Service Technicians and Mechanics

Real Game - Career Kokua Crosswalk**October 2004**

The Make It Real Game ROLE PROFILES	Career Kokua Code	Career Kokua Occupation	Hawaii Career Pathway	O*NET Specialty
Role 1: Information Technology Specialist	1452	Receptionists	Business, Management & Technology	43-4199.99 Information & Records Clerks
Role 2: Graphic Arts Specialist	4724	Graphic Artists and Designers	Arts & Communication	27-1024.00 Graphic Designers
Role 3: Marketing Specialist	7492	Advertising Workers	Arts & Communication, Business, Management & Technology	11-2021.00 Marketing Managers
Role 4: Writing Specialist	2176	Writers and Editors	Arts & Communication	27-3043.00 Writers and Authors
Role 4: Writing Specialist	9866	Performing Artists	Arts & Communication	27-2042.00 Musicians and Singers

Real Game - Career Kokua Crosswalk

October 2004

The Real Game ROLE PROFILES	Career Kokua Code	Career Kokua Occupation	Hawaii Career Pathway	O*NET Specialty
Role 1: Venture Capitalist				13-2099.99 Financial Specialists
Role 2: Biologist	2611	Biological Scientists	Health Services, Natural Resources	19-1021.00 Biologist
Role 3: Woodworker	4298	Furniture and Cabinet Makers	Industrial & Engineering Technology	51-7099.99 Woodworkers
Role 4: Farmworker	4166	Farm and Ranch Hands	Natural Resources	45-2092.00 Farmworkers and Labourers
Role 5: Film Producer	9811	Video Directors	Arts & Communication	27-2012.00 Producers and Directors Directors
Role 6: Advertising Manager	7492	Advertising Workers	Arts & Communication, Business, Management & Technology	11-2011.00 Advertising and Promotions Managers
Role 7: Travel Agent	1424	Travel Agents	Business, Management & Technology	41-3041.00 Travel Agents
Role 8: Computer Programmer	2354	Computer Programmers	Business, Management & Technology	15-1021.00 Computer Programmers
Role 9: Doctor	8112	Physicians	Health Services	29-9099.99 Healthcare Practitioners
Role 10: Construction Contractor	1153	Contractors	Business, Management & Technology	11-9021.00 Construction Managers
Role 11: Commercial Artist	4724	Graphic Artists and Designers	Arts & Communication	27-1024.00 Graphic Designers
Role 12: Broadcaster	9824	Radio and Television Announcers and Newscasters	Arts & Communication	27-3011.00 Radio and Television Announcers
Role 13: Landscape Gardener	4144	Groundskeepers and Gardeners	Natural Resources	37-3011.00 Landscaping and Groundskeeping Workers
Role 14: Paleontologist	2633	Meteorologists	Natural Resources	
Role 15: Physical Therapist	8127	Physical Therapists	Health Services	29-1123.00 Physical Therapists
Role 16: Tour Operator	8489	Tour Guides	Public & Human Services	39-6021.00 Tour Guides and Escorts
Role 17: Veterinarian	8132	Veterinarians	Health Services, Natural Resources	29-1131.00 Veterinarians
Role 18: Truck Driver	6144	Truck Drivers	Industrial & Engineering Technology	53-3032.01 Truck Drivers, Heavy
Role 19: Actor	9866	Performing Artists	Arts & Communication	27-2011.00 Actors
Role 20: Politician	1138	Public Administrators	Business, Management & Technology	21-1099.99 Community and Social Service Specialists, All Other
Role 21: Real Estate Agent	7417	Real Estate Sales Agents and Brokers	Business, Management & Technology	41-9022.00 Real Estate Sales Agents

Real Game - Career Kokua Crosswalk
October 2004

Role 22: Mechanic	3112	Automotive Service Technicians and Mechanics	Industrial & Engineering Technology	49-3023.00 Automotive Service Technicians and Mechanics
Role 23: Photographer	4734	Photographers	Arts & Communication	27-4021.00 Photographers
Role 24: Meteorologist	2633	Meteorologists	Natural Resources	19-2021.00 Atmospheric and Space Scientist
Role 25: Restaurant Manager	1131	Food Service Managers	Business, Management & Technology	11-9051.00 Food Service Managers
Role 26: Parole Officer	8422	Parole and Probation Officers	Public & Human Services	21-1092.01 Parole Officer
Role 27: Guidance Counselor	8414	Counselors	Public & Human Services	21-1019.99 Counselors
Role 28: Dentist	8142	Dentists	Health Services	29-1021.00 Dentists, General 29-1021.00 Dentists, General
Role 29: Jeweler	3184	Jewelers	Arts & Communication, Industrial and Engineering Technology	51-9071.01 Jewelers
Role 30: Hairstylist	8624	Hairstylists and Cosmetologists	Public & Human Services	39-5012.00 Hairdressers, Hairstylists
Role 31: Plumber	4274	Plumbers and Pipefitters	Industrial & Engineering Technology	47-2152.02 Plumbers
Role 32: Food Server	7854	Dining Service Workers	Public & Human Services	35-3041.00 Food Servers, Nonrestaurant
Role 33: Pilot	6188	Pilots and Flight Engineers	Industrial & Engineering Technology	53-2011.00 Airline Pilots, Copilots, and Flight Engineers
Role 34: Bank Teller	1644	Bank Tellers	Business, Management & Technology	43-3071.00 Tellers
Role 35: Recording Engineer	5664	Broadcast Technicians	Industrial & Engineering Technology	27-4014.00 Sound Engineering Technicians
Role 36: Lawyer	8432	Lawyers and Judges	Public & Human Services	23-1011.00 Lawyers
Role 37: Film Processor	5934	Photofinishers	Industrial & Engineering Technology	51-9131.04 Film Laboratory Technicians
Role 38: Teacher	8456	Elementary and Secondary Teachers	Public & Human Services	25-3099.99 Teachers and Instructors
Role 39: Mail Carrier	7122	Mail Carriers	Business, Management & Technology	43-5052.00 Postal Service Mail Carriers
Role 40: Bookstore Owner				

Real Game - Career Kokua Crosswalk

October 2004

The Be Real Game Unit One Job Profiles	Career Kokua Code	Career Kokua Occupation	Hawaii Career Pathway	O*NET Specialty
Role 1: Customer Service Agent	1463	Customer Service Representatives	Business, Management & Technology	43-4051.00 Customer Service Representatives
Role 2: Sales Representative	7414	Sales Representatives	Business, Management & Technology	41-3099.99 Sales Representatives, Services
Role 3: IT Support Specialist	2353	Systems Analysts	Business, Management & Technology	15-1051.00 Computer Systems Analyst
Role 4: Telecommunications Engineer	2411	Engineers	Industrial & Engineering Technology	17-2199.99 Engineers
Role 5: Professional Transport Driver	6144	Truck Drivers	Industrial & Engineering Technology	53-6099.99 Transportation Workers
Role 6: Insurance Adjuster	1632	Claims Adjusters and Examiners	Business, Management & Technology	13-1031.02 Insurance Adjusters
Role 7: Translator	2184	Interpreters and Translators	Arts & Communication	27-3091.00 Interpreters and Translators
Role 8: Sales Assistant, International Trade	7454	Salespersons	Business, Management & Technology	41-9099.99 Sales and Related Workers
Role 9: Pharmacy Technician	8181	Pharmacy Assistants	Health Services	29-2052.00 Pharmacy Technicians
Role 10: Web Designer	4726	Internet Web Site Developers	Arts & Communication	27-1024.00 Graphic Designers
Role 11: Cook's Helper	7884	Kitchen Helpers	Public & Human Services	35-2021.00 Food Preparation Workers
Role 12: Food Service Counter Server	7862	Counter Attendants	Public & Human Services	35-3041.00 Food Servers
Role 13: Agricultural Laboratory Technician	2613	Physical and Life Science Technicians	Health Services, Natural Resources	19-4011.01 Agricultural Technicians
Role 14: Orderly	8174	Nursing Assistants	Health Services	31-1012.00 Nursing Aides, Orderlies, and Attendants
Role 15: Automotive Mechanic	3112	Automotive Service Technicians and Mechanics	Industrial & Engineering Technology	49-3023.00 Automotive Service Mechanics
Role 16: Heavy Equipment Operator	6151	Heavy Equipment Operators	Industrial & Engineering Technology	47-2073.02 Operating Engineers
Role 17: Mechanical Engineer	2411	Engineers	Industrial & Engineering Technology	17-2141.00 Mechanical Engineers
Role 18: Service Technician				
Role 19: Graphic Artist, Advertising	4724	Graphic Artists and Designers	Arts & Communication	27-1024.00 Graphic Designers
Role 20: Daycare Worker	8449	Child Care Workers	Public & Human Services	39-9011.00 Child Care Workers
Role 21: Ordnance Specialist				47-5031 Explosives Workers, Ordnance Handling Experts
Role 22: Housekeeping Supervisor				37-1011.01 Housekeeping Supervisors
Role 23 Electronic Production Worker				51-9198.02 Production Helpers
Role 24: Product Tester				

Real Game - Career Kokua Crosswalk

October 2004

Role 25: Production Coordinator				51-9199.99 Production Workers
Role 26: Computer Software Engineer				15-1031.00 Computer Software Engineers
Role 27: Production Assistant				51-9199.99 Production Workers
Role 28: Veterinary Assistant	4174	Animal Caretakers	Natural Resources	31-9096.00 Veterinary Assistants and Laboratory Animal Caretakers
Role 29: Library Technician	1428	Library Assistants	Business, Management & Technology	25-4031.00 Library Technicians
Role 30: Outreach Worker	8417	Social Workers	Public & Human Services	21-1029.99 Social Workers
Role 31: Newspaper Reporter	2176	Writers and Editors	Arts & Communication	27-3022.00 Reporters and Correspondents
Role 32: Gerontology Nurse	8162	Registered Nurses	Health Services	29-1111.00 Registered Nurses
Role 33: Geomatics Technologist				
Role 34: Administrative Assistant	1411	Office Managers	Business, Management & Technology	43-9199.99 Office and Administrative Support Workers
Role 35: Law Clerk	8432	Lawyers and Judges	Public & Human Services	23-2092.00 Law Clerks
Role 36: Information Clerk	1452	Receptionists	Business, Management & Technology	43-4199.99 Information and Record Clerks
Role 37: Health and Safety Specialist	9482	Health and Safety Inspectors	Industrial & Engineering Technology	17-2111.00 Health and Safety Engineers
Role 38: Biochemist	2611	Biological Scientists	Health Services, Natural Resources	19-1021.01 Biochemists
Role 39: Apprentice Optician	2656	Opticians	Health Services, Industrial & Engineering Technology	29-2081.00 Opticians
Role 40: Print Shop Assistant	4771	Printing Press Operators	Industrial & Engineering Technology	
Role 41 Nursery Specialist	4142	Horticultural Workers	Natural Resources	45-2092.01 Nursery Workers
Role 42 Aerospace Engineer	2411	Engineers	Industrial & Engineering Technology	17-2011.00 Aerospace Engineers
Role 43 Police Patrol Officer	9414	Law Enforcement Officers	Public & Human Services	33-3051.01 Police Patrol Officers
Role 44 Building Manager	1133	Resident Managers	Business, Management & Technology	11-9041.00 Property, Real Estate, and Community Association Managers
The Be Real Game Unit Two Job Profiles	Career Kokua Code	Career Kokua Occupation	Hawaii Career Pathway	O*NET Specialty
Role 1 Import/Export Coordinator				
Role 2 Buyer	1181	Buyers	Business, Management & Technology	13-1022.00 Wholesale and Retail Buyers, except Farm Products
Role 3 Information Systems Manager				11-3021.00 Computer and Information Systems Managers

Real Game - Career Kokua Crosswalk
October 2004

Role 4 Technical Sales Representative	7414	Sales Representatives	Business, Management & Technology	41-4011.00 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products
Role 5 Transport/Truck Owner Operator				11-3071.01 Transportation Managers
Role 6 Claims Manager	1632	Claims Adjusters and Examiners	Business, Management & Technology	13-1031.01 Claims Examiners, Property and Casualty Insurance
Role 7 Freelance Translator	2184	Interpreters and Translators	Arts & Communication	27-3091.00 Interpreters and Translators
Role 8 International Sales Representative	7414	Sales Representatives	Business, Management & Technology	41-3099.99 Sales Representatives, Services, All Other
Role 9 Pharmacist	8124	Pharmacists	Health Services	29-1051.00 Pharmacists
Role 10 Multimedia Designer				27-1014.00 Multi-Media Artists and Animators
Role 11 Cook	7825	Cooks	Public & Human Services	35-2014.00 Cooks, Restaurant
Role 12 Food and Beverage Server	7862	Counter Attendants	Public & Human Services	35-3041.00 Food Servers
Role 13 Soil Conservationist	2611	Biological Scientists	Health Services, Natural Resources	19-1031.01 Soil Conservationists
Role 14 Radiologic Technologist	2661	Radiologic Technologists	Health Services	29-2034.01 Radiologic Technologists
Role 15 Heavy Equipment Mechanic	3114	Truck, Boat, & Heavy Equipment Mechanics	Industrial & Engineering Technology	49-3042.00 Mobile Heavy Equipment Mechanics, Except Engines
Role 16 Heavy Equipment Contractor	1153	Contractors	Business, Management & Technology	
Role 17 Mechanical Engineer	2411	Engineers	Industrial & Engineering Technology	17-2141.00 Mechanical Engineers
Role 18 Technical Service Representative				27-2012.05 Technical Directors/Managers
Role 19 Freelance Graphic Artist	4724	Graphic Artists and Designers	Arts & Communication	27-1024.00 Graphic Designers
Role 20 Performing Artist	9866	Performing Artists	Arts & Communication	27-2099.99 Entertainers and Performers, Sports and Related Workers, All Other
Role 21 Bomb Disposal Expert				47-5031 Explosives Workers, Ordnance Handling Experts
Role 22 Operations Manager				11-1021.00 General and Operations Managers
Role 23 Microelectronics Operator				
Role 24 Quality Assurance Technologist	2672	Quality Control Inspectors	Industrial & Engineering Technology	17-2111.03 Product Safety Engineers
Role 25 Project Manager Software Design	2354	Computer Programmers	Business, Management & Technology	15-1032.00 Computer Software Engineers

Real Game - Career Kokua Crosswalk
October 2004

Role 26 Computer Software Engineer	2354	Computer Programmers	Business, Management & Technology	15-1032.00 Computer Software Engineers
Role 27 Key Grip	5664	Broadcast Technicians	Industrial & Engineering Technology	53-7062.02 Grips and Set-up Workers
Role 28 Veterinarian	8132	Veterinarians	Health Services, Natural Resources	29-1131.00 Veterinarians
Role 29 Archivist	8494	Curators and Archivists	Public & Human Services	25-4011 Archivists
Role 30 Social Worker	8417	Social Workers	Public & Human Services	21-1029.99 Social Workers
Role 31 Videographer	9811	Video Directors	Arts & Communication	27-4031.00 Camera Operators, Television, Video, and Motion Picture
Role 32 Nurse Practitioner	8162	Registered Nurses	Health Services	29-1111.00 Registered Nurses
Role 33 Geomatics Consulting Associate				
Role 34 Executive Secretary	1442	Secretaries	Business, Management & Technology	43-6011.00 Executive Secretaries & Admin Assistants
Role 35 Law Attorney, Junior Partner	8432	Lawyers and Judges	Public & Human Services	23-1011.00 Lawyers
Role 36 Town Planner	2462	Urban and Regional Planners	Industrial & Engineering Technology	
Role 37 Hazardous Waste Management Specialist	9482	Health and Safety Inspectors	Industrial & Engineering Technology	13-1041.01 Environmental Compliance Inspectors
Role 38 Biochemist, Research 19-1021.01 Biochemists	2611	Biological Scientists	Health Services, Natural Resources	19-1021.01 Biochemists
Role 39 Licensed Optician, Business Partner	2656	Opticians	Health Services, Industrial & Engineering Technology	29-2081.00 Opticians
Role 40 Print Technician, Business Partner	4771	Printing Press Operators	Industrial & Engineering Technology	51-5023.00 Printing Machine Operators
Role 41 Horticulturalist, Self-Employed	2641	Agricultural Scientists	Natural Resources	
Role 42 Aerospace Design Engineer	2411	Engineers	Industrial & Engineering Technology	17-2011.00 Aerospace Engineers
Role 43 Private Investigator	9418	Investigators	Public & Human Services	33-9021.00 Private Detectives and Investigators
Role 44 Property Manager	1175	Property Managers	Business, Management & Technology	11-9141.00 Property, Real Estate, and Community Association Managers

Real Game - Career Kokua Crosswalk

October 2004

The Get Real Game Role Profiles	Career Kokua Code	Career Kokua Occupation	Hawaii Career Pathway	O*NET Specialty
Role 1: Counselors	8414	Counselors	Public & Human Services	21-1019.99 Counselors
Role 2: Adult Education Teachers	8453	Specialty Teachers	Public & Human Services	25-3011.00 Adult Literacy, GED Teachers and Instructors
Role 3: Economists-Marketing Researchers	2144	Social Scientists	Public & Human Services	19-3011.00 Economists
Role 4: Social – Human Services Workers	8428	Social Service Aides	Public & Human Services	21-1093.00 Social and Human Service Assistants
Role 5: Psychologists	8434	Psychologists	Public & Human Services	19-0039.99 Psychologists
Role 6: Facility Managers				11-9199.99 Managers
Role 7: Meeting and Event Planners				
Role 8: Human Resources Specialists	1187	Human Resources Specialists	Business, Management & Technology	13-1079.99 Human Resources Specialists
Role 9: Securities and Financial Services Sales Representatives	7415	Securities Salespeople	Business, Management & Technology	41-3031.01 Sales Agents, Securities and Commodities
Role 10: Managers in Art, Culture, Recreation and Sport				27-1011.00 Art Directors
Role 11: Practitioners of Natural Healing				
Role 12: Pharmacists	8124	Pharmacists	Health Services	29-1051.00 Pharmacists
Role 13: Registered Nurses	8162	Registered Nurses	Health Services	29-1111.00 Registered Nurses
Role 14: Dietitians and Nutritionists	8136	Dietitians and Nutritionists	Health Services	29-1031.00 Dietitians and Nutritionists
Role 15: Healthcare Technologists				29-8099.99 Healthcare and Technical Workers
Role 16: Reporters and Correspondents	2176	Writers and Editors	Arts & Communication	27-3022.00 Reporters and Correspondents
Role 17: Technicians in Broadcasting, Motion Pictures or Performing Arts	5664	Broadcast Technicians	Industrial & Engineering Technology	
Role 18: Graphic Artists	4724	Graphic Artists and Designers	Arts & Communication	27-1024.00 Graphic Designers
Role 19: Athletic Coaches	8481	Coaches	Public & Human Services	27-2022.00 Coaches and Scouts
Role 20: Creative or Performing Artists	9866	Performing Artists	Arts & Communication	
Role 21: Retail Sales Managers	1149	Retail Store Managers	Business, Management & Technology	11-2022.00 Sales Managers
Role 22: Firefighters	9426	Fire Fighters	Public & Human Services	33-2011.00 Fire fighters
Role 23: Outdoor Sports and Recreation Guides	8486	Recreation Leaders	Public & Human Services	39-9032.00 Recreation Workers
Role 24: Travel, Transportation and Reservation Agents	1424	Travel Agents	Business, Management & Technology	41-3041.00 Travel Agents
Role 25: Image Consultants				

Real Game - Career Kokua Crosswalk**October 2004**

Role 26: Aircraft Mechanics	3116	Aircraft Mechanics	Industrial & Engineering Technology	49-3011.00 Aircraft Mechanics and Service Technicians
Role 27: Construction Managers and Contractors	1153	Contractors	Business, Management & Technology	11-9021.00 Construction Managers
Role 28: Carpenters and Fine Woodworkers	4254	Carpenters	Industrial & Engineering Technology	47-2031.00 Carpenters
Role 29: Electricians	5626	Electricians	Industrial & Engineering Technology	47-2111.00 Electricians
Role 30: Automotive Mechanics	3112	Automotive Service Technicians and Mechanics	Industrial & Engineering Technology	49-3023.01 Automotive Master Mechanics
Role 31: Agricultural Scientists	2641	Agricultural Scientists	Natural Resources	17-2021.00 Agricultural Engineers
Role 32: Urban and Regional Planners	2462	Urban and Regional Planners	Industrial & Engineering Technology	19-3051.00 Urban and Regional Planners
Role 33: Computer Programmers	2354	Computer Programmers	Business, Management & Technology	15-1021.00 Computer Programmers